Inde	ex of Claims	

Application No.	Applicant(s)	
09/657,738	OTANI ET AL.	
Examiner	Art Unit	
Marie R. Yamnitzky	1774	

V	/	Rejected
=	=	Allowed

-	(Through numeral) Cancelled
÷	Restricted

Claim

N	Non-Elected	Α
ı	Interference	0

Date

A	Appeal
0	Objected

_			_											_	_		_	
	laim		Date															
Final	Original	<u> </u>	2/20/02	7/26/02	1160/02	1/27/03		11/17/03	3	5/31/04		11/9/04						
	_ 1		V	Τ,	7	÷	1	N	1	_	t		t		H		H	
	1 2 3 4 5 6		\ \ \ \ \ \	1		÷		N	1	_	T	_	T		T	_	T	
	3		V	L		÷		N			T		Г	_			Г	
	4		1	L	_						I							
	5		1	╀	4		1		1		L		L					
	1 6	4	√ √	-	4	_	1	_	4	_	Ļ	,	L	4	L			_
	- /		٧.	H	+	÷	+	1	+	√	+	<u> </u>	L	_	_	.,		4
	9	-	_	-	+	_	+		+	_	╀	_	-	4		-		4
	10	,		┢	+		t	-	+	_	H		-	+	_	+	_	$\dashv$
	111	1	-	_	†		t		+	_	t	_	H	+	-	+	_	$\dashv$
	12	.		-	Ť	÷	t	N	t		-			1	_	1	_	+
	13			<b>V</b>	T		t	N √	t	V	,	Ī		1	_	1	_	1
	10 11 12 13 14 15	1			I		I	N		Ν	١	ī				1		1
_	15	1	_	L.	1		L	N	L	N	١					1		
	16	1			ļ		Ļ	N		N	١			1		1	_	_
_	17	+			1	_		N	ļ	N	V	1	_	1	_	1		4
	18 19 20	+			╁		H	N N	┞	_	-	4	_	4	_	4		-
	20	+	-		ł			N N	ŀ	_		+	_	+		+	_	-
	21	+	$\dashv$	_	t	÷	+	N	ŀ	_	-	+	_	╁		+	_	┨
	21 22 23 24 25	+	_	_	t		H	•	H		-	+		$^{+}$	-	╁		1
	23	1		_	t		r	_	r	$\exists$		+		†	_	+	_	ł
	24											1	_	T	_	T		
	25	1			L							I		Ι		I		
	26 27	4	_		L		_			_	_	1	_	L				]
	27	╀	$\dashv$	_	L		_	4	_	4		1		ļ		ļ		
	28 29	-	$\dashv$	_	H	-		4	_	-	_	+		L		Ļ		1
	30	+	+		H	+		-	_	$\dashv$		+	_	-		╀		-
	31	t	+	-	Ε.	$\dashv$	_	+	-	+		╁		-	_	┞		ŀ
	31 32	T	+			7	-	+	_	+		t	_	H	-	H		
	33	T			_	7		7	_	1	_	t	_	H	_	-		1
	34	L						1				T				r	_	
_	35	L	4			$\perp$				I		I						
	36 37	-	$\downarrow$	4	_	4		4	_	4		1						
	38	-	+	$\dashv$		+	_	+		+	_	-	_	L	4	L		
-	39	H	+	$\dashv$	_	+	-	+	_	+		H	-		-	_	_	
_	40	-	+	-	-	+	-	+	_	+		H	$\dashv$	_	4	-	-	
	41	H	+	+	_	+		+	_	+		H	+	-	1	_	-	
	42	Γ	$\dagger$	7		+	_	$\dagger$	_	$\dagger$		H	+		1	_	$\dashv$	
	43		Ι		_	J		İ	_	1	_		7	_	7	-	1	
-1	44		I	I	_	I		I	_	I				_	1	_		
	45		$\perp$	1	_	I	_	I	_	I			1					
-	46		1	4		1		L	_				I	_	I	_		
-	47	_	+	4		+	_	1	_	$\downarrow$	_		1		1			
$\dashv$	48 49	-	+	- -	_	+		+-	_	+	4		4		4	_	4	
	43	_	$\perp$	4	_	$\perp$		L		L			_L		$\perp$		- [:	

:::::	<u> </u>		-		_	,	_	_,	_	~			_			_
	Final	Original														
	<u> </u>															
		51	┸					1		L				Ι		
		52 53	$\perp$					1						Ţ	7	
		53	L					1		Ĺ						
		_54	L			$\perp$										
		55	$\perp$								Τ			T	٦	
		56	L					Ι						Τ	٦	
		57	L			1										
		_58	L	$\perp$		1		1		L	⊥					
		54 55 56 57 58 59 60 61 62	L	ightharpoonup	_	1		1			$\perp$					
		60	L	_	_	1	_									
		61	L	4		1				_						
		62	L	_				L					_	L	I	
		63	L	$\downarrow$		1	_	L			1.				$\Box$	
		64	L	4		1			╛						I	_
		63 64 65 66	L	$\perp$		Ĺ		L						Г	Ţ	
	1	66	L	$\perp$		1		L			I			Τ	Т	
-		67	L.	$\perp$		L		L						Г	T	
ļ		68	L	1		1	_	L				Ι		Γ	T	
		69 70 71	L	4	_	1		L	┙		L	Ι			J	
-		70	L.	1	_	1		L	_	_	L	$\perp$				
-		71	L	4	_	$\perp$	_	L	_		L	$\perp$	_			
L		72	_	1		L		L	┙		L			L	I	
L	$\rightarrow$	72 73 74 75 76 77 78 80 81 82 83 84 85 86 88 87 88 88 89		1		L	_	L			L	$\perp$			I	
ŀ		74		1	_	L	_	L	4		L					
-		75		4		L	_	L	_		L					
-		76		1	_	Ĺ	_	L	4		<u> </u>	⊥	_	L		
-		77	_	+	_	L		_	4		L	1	_	L	$\perp$	
-		78		╀		L		_	1		L	1	_	_	1	_
ŀ		79		+	_	_	_	L	1	_	L	$\perp$	_	_	L	
F		80		╀	_	_	_	_	1	_	L	1	_		L	_
-		81		1		L	4	_	4		Ļ	1		L	L	╛
F		82		1	_	L	4		1	_	Ļ.	1			Ļ	4
F		83		1	4	L	4	_	4		L	1			_	╛
$\vdash$		84	_	╄	_	L.	4	_	+	_	L	$\perp$	_		Ļ	4
-	-	85		-	4	_	4		1		_	1	_	_	Ļ	_
$\vdash$		00		╁-	4	_	4	_	+		<u> </u>	1-	4		L	_
$\vdash$		0/		┝	4		4		╀		L.	$\perp$	4		-	4
$\vdash$	-   -	00		⊦	4		+		+		_	╀	4		├-	4
$\vdash$	-1:	90		<del> </del>	4	_	4	-	+-			↓_	4		Ļ	4
-		90		-	4		+		1-	4		╀	4		Ļ.	4
-		21	_	-	+		+	_	+-	4	_	<del> </del>	4		<u> </u>	4
$\vdash$	-+;	92 93 94		-	+	_	+	_	$\vdash$	4	_	+-	4		$\vdash$	1
-	+ ?	14	-	-	+		+		$\vdash$	4		$\vdash$	4	-	_	1
-	-   -	25	$\dashv$	<u> </u>	+	_	+		+	4	_		4		_	4
$\vdash$		10	4	_	+	_	+		1	4		Ļ	+	_	<u> </u>	4
$\vdash$	+	95 96 97	4		+		+	_	Ļ.	4	-	_	1			
├	-+=	17	-		+		+	_	-	+		<u> </u>	+	4		4
-	+==	9	+		+		╀	_	$\vdash$	+		Ι_	+		_	-
$\vdash$	-	3	4		+	_	1	_	L-	4		<u> </u>	4		_	l:

	Claim	1				_		Da	te			_	
Final	_								Ī		-		
-	101	-	$\downarrow$		L	4		_	1	1		L	+
<b></b>	102	+	+		┝	+		-	+	+	-		+-
	103	+-	+	_	╁╌	+		$\vdash$	╁	╁	_		╁
	104	†	T	_	H	t		-	╁	$^{+}$	-		†-
	105		T			Ť	_		T	1	┪	_	1
	106		I			I				7	7		$\top$
<u> </u>	107	_				I			L	ightharpoons			
	108		Ļ	_		1		_	$\perp$	1	_		<u> </u>
<u> </u>	109 110	+	├	-	_	+	-		-	+	4		<u> </u>
-	111	┼	H	-		╁	4		+-	+	$\dashv$		╀
	112	┢╾	-	┪		╁	1		$\vdash$	╁	+		├
	112 113		r	1		$\dagger$	┪		-	+	7	_	-
	114		Г	1		T	7		Ħ	T	7	_	$\vdash$
	115					I				T	T		
	116												
	117	_	L	4		L	4	_	_	╙			
	118 119	_	L	4		ļ_	4		L	L	$\downarrow$		Ш
	120		_	+		-	+		L	╀	+		Н
	121			+		╁	+		<u> </u>	╀	+		$\vdash$
	122	Н	_	+		┢	+	_	-	╁	+	_	$\vdash$
	123		_	†		1	$\dagger$	_		-	+	_	Н
	123 124			Ì	_		1	_		T	+		$\exists$
	125			I			I						
	126	_		1	_	_	1	_		L	$\perp$		
	127	-1	_	1		L	$\downarrow$	_	_	_	4	_	_
	128 129	$\dashv$		╀	-		+	4		_	╀	-	
	130	$\dashv$		+	-	_	+	-	_	<u> </u>	╀	4	
	131	$\dashv$		t	$\dashv$	-	$\dagger$	+	_		╁	$\dashv$	$\dashv$
	132	_	_	t	7		✝	7	_	-	十	+	$\dashv$
	133			Ī			T	7			T	7	$\exists$
	134		_	Ľ							I	I	
	135	_		L			L	1			L		$\Box$
	136 137	$\dashv$		-	+	_	Ł	+	$\dashv$		╀	4	_
_	138	$\dashv$		H	+		╁	+			├	+	4
_	139	$\dashv$	_	┝	+	_	†-	+	+		╁	+	
	140	7	_	H	+		t	+	7		┢	+	$\dashv$
	141		-		7		T	1	7		$\vdash$	t	$\neg$
	142				I		L	I				1	$\exists$
	143	4	4	_	1		Ĺ	1	$\perp$		Ĺ	I	
	144		_		4		<u> </u>	4	4		L	1	_
	145 146	+	4	_	+		$\vdash$	+	-	_	Ļ.	+	_
	147	+	4	-	+	_	-	+	+		$\vdash$	+	$\dashv$
	148	+	┪	-	+		-	+-	+	-	_	+	$\dashv$
	149	1	7	_	$\dagger$	7	-	+	+	-	_	$\dagger$	$\dashv$
I	150	I	I		1			Ι	1	_	_	T	7
										_	_	_	_